

## Technical Procedures for Processing with Wetwop™

### 1 Scope

Wetwop™ is used by FBI Laboratory Friction Ridge Discipline personnel to develop latent prints on adhesive surfaces.

### 2 Equipment/Materials/Reagents

Camel hair brush or other similar small brush

Petri dish or other container

Squirt bottles

Water

Wetwop™ (Black and White)

### 3 Procedures

#### 3.1 Application

Personnel will complete the following steps in order:

1. Mix bottle contents thoroughly by shaking the bottle and pour a small amount of solution into a petri dish or other suitable container.
2. Paint the Wetwop™ onto adhesive surface with a camel hair brush or other similar small brush.
3. Let sit for 15 seconds.
4. Rinse solution with a slow stream of water. Personnel may reapply if needed, taking care to monitor for overdevelopment.
5. Allow to dry.

For digital capture and photography, see FBI Friction Ridge Discipline Processing Manual, Preamble.

### **3.2 Storage**

Wetwop™ may be stored in any type of laboratory accepted receptacle away from extreme heat, ignition sources, or open flame.

### **3.3 Shelf Life**

Wetwop™ has an indefinite shelf life provided the reagent check is satisfactory.

## **4 Standards and Controls**

See FBI Friction Ridge Discipline Processing Manual, Preamble.

## **5 Safety**

See FBI Laboratory Safety Manual for appropriate information.

## **6 Sampling**

Not applicable.

## **7 Calculations**

Not applicable.

## **8 Measurement Uncertainty**

Not applicable.

## **9 Limitations**

Not applicable.

## 10 References

FBI Laboratory Safety Manual, Federal Bureau of Investigation, Laboratory Division. Latest Revision.

FBI Friction Ridge Discipline Processing Manual, Preamble, Federal Bureau of Investigation, Laboratory Division. Latest Revision.

Molina, D. “The use of Un-du to separate adhesive materials”. *JFI*. 57(5): 688-696.

Ramotowki, R. (2013). Lee and Gaensslen’s advances in fingerprint technology, 3<sup>rd</sup> edition (pp. 8). 2013. Boca Raton: CRC Press.

Sanders, N. “Recovery of fingerprint evidence from post-blast device materials”. *JFI*. 61(3):281-295.

Rev. #	Issue Date	History
1	10/02/17	Updated for Biometrics Analysis Unit.
2	07/15/21	Replace Latent Print Units with Friction Ridge Discipline. Minor wording changes. Streamline equipment list. Re-organization and re-numbering of sections. Section 1, removed duplication. Section 4, added Preamble reference.

**Approval**

Redact - Signatures on File

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Date: 07/14/2021

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Unit Chief

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Latent Print Support Unit  
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